

CONTENTS OF VOLUME 4

NUMBER 1

- 1 A KNOWLEDGE-BASED NAVIGATION SCHEME FOR AUTONOMOUS
LAND VEHICLES ☐ Jeffrey J.-P. Tsai, Mark Metea, and John Cesarone
- 15 SEDAF: AN INTELLIGENT EDUCATIONAL SYSTEM
FOR MATHEMATICS ☐ Luigia Aiello and Alessandro Micarelli
- 37 AN OPS5 IMPLEMENTATION OF QUALITATIVE REASONING
ABOUT PHYSICAL SYSTEMS ☐ S. Gaglio, M. Giacomini, A. Ponassi,
and C. Ruggiero
- 67 KNOWLEDGE TRANSFORMATION ☐ Bernard A. Engel, Claire Baffaut,
John R. Barrett, Joseph B. Rogers, and Don D. Jones
- 81 BOOK REVIEWS
- 83 APPLIED ARTIFICIAL INTELLIGENCE CALENDAR

NUMBER 2

- 85 ASCETA: AN EXPERT SYSTEM FOR PASSIVE NETWORK
SYNTHESIS ☐ Michele Marchesi, Francesco Piazza, and Gianni Orlandi
- 95 AN INTELLIGENT TUNING CONTROL TECHNIQUE ☐ Hong Yao Xu,
C. R. Baird, and D. Riordan
- 109 STRUCTURED REPRESENTATION OF FMS INTEGRATING SI-NETS
AND HIGH LEVEL PETRI NETS ☐ Antonio Camurri and Marcello Frixione
- 133 NICBES-2, A NICKEL-CADMIUM BATTERY EXPERT SYSTEM
☐ Alex Bykat
- 143 APPLIED ARTIFICIAL INTELLIGENCE CALENDAR

NUMBER 3

- 145 AN OPEN SYSTEM APPROACH TO INTEGRATION OF EXPERT
SYSTEMS ☐ Semir Al-Schamma and Zhengxin Chen
- 155 TOPOLOGICALLY TRAVERSING THE RETE NETWORK ☐ Mark Perlin
- 179 INTEGRATED ACCESS TO INFORMATION SYSTEMS ☐ Patrice Poyet
- 239 A DOMAIN-INDEPENDENT TOOL FOR THE SELECTION PROBLEM
☐ Jie Yang
- 263 APPLIED ARTIFICIAL INTELLIGENCE CALENDAR

NUMBER 4

- 265 PREDICTING BANK FAILURES: A NEURAL NETWORK APPROACH
☐ Kar Yan Tam and Melody Kiang
- 283 BUILDING TOOLS FOR SOFTWARE ENGINEERING WITH ARTIFICIAL
INTELLIGENCE TECHNIQUES ☐ Daniele Nardi and Marco Tucci
- 309 ANALYSIS AND REPRESENTATION OF NEUROANATOMICAL
KNOWLEDGE ☐ Jörg Niggemann
- 337 REASONING FOR AUTOMATED MODEL INTEGRATION ☐ Ting-Peng
Liang
- 359 APPLIED ARTIFICIAL INTELLIGENCE CALENDAR

Following Page 360:
Title Page to Volume 4
Contents to Volume 4
Index to Volume 4

